Complete and sens this form, ogeth PART B - FEE(S) TRANSMITTAL vith applicable fee(s), to: Mail Mail Sto Commission er for Patents P.O. Box 1450 MAR 3 0 2005 Alexandria, Virginia 22313-1450 MAR 3 0 2005 or Fax (703) 746-4000 INSTRUCTIONS: Tria form should be used for the smitting the USDE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the patent, adversion orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected electron proprieted otherwise in the patent, adversion of maintenance fees will be mailed to the current correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notification. maintenance fee notifications Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 01/14/2005 22434 7590 BEYER WEAVER & THOMAS LLP Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below. P.O. BOX 70250 OAKLAND, CA 94612-0250 (Depositor's name Nomika Thomas. 03/31/2005 WABDELR3 00000002 09608202 (Signature March (Date 01 FC:1501 1400.00 OP 02 FC:8001 FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. APPLICATION NO. CISCP172/2888 9305 09/608,202 06/30/2000 Harihara Mahesh TITLE OF INVENTION: DYNAMIC MODULATION OF MODULATION PROFILES FOR COMMUNICATION CHANNELS IN AN ACCESS NETWORK SMALL ENTITY **ISSUE FEE** PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE APPLN. TYPE \$1400 04/14/2005 nonprovisional NO \$1400 \$0 **EXAMINER** ART UNIT CLASS-SUBCLASS 370-480000 PHAN, TRI H 2661 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys Bever, Weaver & Thomas or agents OR, alternatively, Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to Tree Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer 2 registered patent attorneys or agents. If no name is listed, no name will be printed. Number is required. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Cisco Technology Inc. San Jose, CA Please check the appropriate assignee category or categories (will not be printed on the patent): 🔲 Individual 💆 Corporation or other private group entity 🚨 Government 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): Issue Fee A check in the amount of the fee(s) is enclosed. Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. deficiencies) (any The Director is hereby authorized by charge the remaindered or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). Advance Order - # of Copies 5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. Date March 28, 2005 Authorized Signature emund Desmund Gean Typed or printed name _ Registration No. ___

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.